



Attorney Docket No. 0756-1947

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Yukio YAMAUCHI et al.

Serial No. 09/266,012

Filed: March 11, 1999

For: THIN FILM TRANSISTOR, ORGANIC

ELECTROLUMINESCENCE

DISPLAY DEVICE AND

MANUFACTURING METHOD OF

THE SAME

) Group Art Unit: 2815

) Examiner: N. Richards

) CERTIFICATE OF MAILING

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) Commissioner for Patents, P.O. Box 1450,  
) Alexandria, VA 22313-1450, on September 3,  
) 2004.

) Adeline M. Stampfer

)

**INFORMATION DISCLOSURE STATEMENT**

Honorable Commissioner of Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing information known to Applicant and requests that this information be made of record in the above identified application. Copies are submitted herewith in accordance with 37 C.F.R. 1.98(a).

In a counterpart Japanese application, the Japanese Patent Office asserted the following:

In JP 06-314698, it would have been obvious to make the concentration of nitrogen 50 atm% or less in the titanium nitride considering an adhesivity or a resistivity. In JP 06-325869, it would have been easily conceived to use a titanium film or a titanium nitride film in place of Cr which is provided between a silicon active layer and an aluminum wiring connected with a transparent electrode which constitutes an EL element. Further, in JP 06-325869, it would have been obvious to make the nitrogen concentration 50 atm% or less in the titanium nitride depending upon a desired adhesivity and a resistivity.

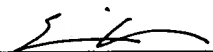
JP 06-232129 is in the family of U.S. Patent Nos. 5,804,878 and 6,608,353, and U.S. Patent Application Publication Nos. 2002/0179969, 2004/0023445 and 2004/0051102.

JP 06-314698, 06-260500, 06-260650, 06-314784 and 06-314786 are in the family of U.S. Patent Application No. 08/205,300, filed March 3, 1994, now abandoned. Copies of the specification, claims, abstract and drawings from the '300 application are also submitted herewith.

A check in the amount of \$180 is being submitted to comply with the provisions of 37 C.F.R. § 1.97(c).

The Commissioner is hereby authorized to charge fees under 37 C.F.R. §§1.16, 1.17, 1.20(a), 1.20(b), 1.20(c), and 1.20(d) (except the Issue Fee) which may be required now or hereafter, or credit any overpayment to Deposit Account No. 50-2280. A duplicate copy of this sheet is attached.

Respectfully submitted,

  
\_\_\_\_\_  
Eric J. Robinson  
Reg. No. 38,285

Robinson Intellectual Property Law Office, P.C.  
PMB 955  
21010 Southbank Street  
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(571) 434-6789

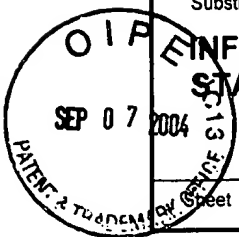
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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Application Number	09/266,012
		Filing Date	March 11, 1999
		First Named Inventor	Yukio YAMAUCHI et al.
		Group Art Unit	2815
		Examiner Name	N. Richards
		Attorney Docket Number	0756-1947
Sheet	1	of	1

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		5,804,878		Miyazaki, et al.	09/08/1998	
		6,608,353		Miyazaki, et al.	08/19/2003	
		2002/0179969		Miyazaki, et al.	12/05/2002	
		2004/0023445		Miyazaki, et al.	02/05/2004	
		2004/0051102		Miyazaki, et al.	03/18/2004	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		JP	03-108767			05/08/1991		Abst.
		JP	06-232129			08/19/1994		Abst.
		JP	06-314698			11/08/1994		Abst.
		JP	06-325869			11/25/1994		Abst.
		JP	06-260500			09/16/1994		Abst.
		JP	06-260650			09/16/1994		Abst.
		JP	06-314784			11/08/1994		Abst.
		JP	06-314786			11/08/1994		Abst.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Specification, claims, abstract and drawings, U.S. Patent Application Serial No. 08/205,300, as filed March 3, 1994.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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GP-2815  
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PTO/SB/21 (08-00)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/266,012
	Filing Date	March 11, 1999
	First Named Inventor	Yukio YAMAUCHI et al.
	Group Art Unit	2815
	Examiner Name	N. Richards
Total Number of Pages in This Submission	Attorney Docket Number	0756-1947

ENCLOSURES (check all that apply)		
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Remarks		<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 50-2280 for the above identified docket number.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Eric J. Robinson, Reg. No. 38,285 Robinson Intellectual Property Law Office, P.C. PMB 955 21010 Southbank Street Potomac Falls, VA 20165
Signature	
Date	September 3, 2004

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